

What is claimed is:

1. A method for generating electric power, comprising the steps of:
preparing a metallic solid substance, and
irradiating an energy beam onto said metallic solid substance to generate an electric energy from an interaction between said energy beam and said metallic solid substance.
2. The generating method as defined in claim 1, wherein said metallic solid substance is a metallic plate.
3. The generating method as defined in claim 2, further comprising the step of controlling the irradiation area of said metallic plate for said energy beam to adjust the efficiency in generation of said electric energy.
4. The generating method as defined in claim 2, further comprising the step of controlling the thickness of said metallic plate to adjust the efficiency in generation of said electric energy.
5. A method for generating electric power, comprising the steps of:
preparing a plurality of metallic plates, ✓
arranging said metallic plates so that the main surface of one of said metallic plates is faced to the main surface of the adjacent one of said metallic plates, and
irradiating energy beams onto said metallic plates to generate an electric energy from interactions between said energy beams and said metallic plates.
6. The generating method as defined in claim 5, further comprising the step of disposing insulating substances between adjacent ones of said metallic plates, respectively.
7. The generating method as defined in claim 5, further comprising the step of controlling the arrangement number of said metallic plates to adjust the efficiency in generation of said electric energy.
8. The generating method as defined in claim 5, further comprising the step of controlling the arrangement distance of said metallic plates to adjust the efficiency in generation of said electric energy.
9. The generating method as defined in claim 5, further comprising the step of controlling the irradiation areas of said metallic plates for said energy beams to adjust the efficiency in generation of said electric energy.

10. The generating method as defined in claim 5, further comprising the step of controlling the thicknesses of said metallic plates to adjust the efficiency in generation of said electric energy.

11. The generating method as defined in claim 1, wherein said metallic solid substance is a rolled metallic plate.

12. The generating method as defined in claim 11, further comprising the step of controlling the irradiation area of said rolled metallic plate for said energy beam to adjust the efficiency in generation of said electric energy.

13. The generating method as defined in claim 11, further comprising the step of controlling the thickness of said rolled metallic plate to adjust the efficiency in generation of said electric energy.

14. A method for generating electric power, comprising the steps of:
preparing a plurality of rolled metallic plates,
arranging said rolled metallic plates concentrically, and
irradiating energy beams onto said rolled metallic plates to generate an electric energy from interactions between said energy beams and said rolled metallic plates.

15. The generating method as defined in claim 14, further comprising the step of disposing insulating substances between adjacent ones of said solid rolled metallic plates, respectively.

16. The generating method as defined in claim 14, further comprising the step of controlling the arrangement number of said rolled metallic plates to adjust the efficiency in generation of said electric energy.

17. The generating method as defined in claim 14, further comprising the step of controlling the arrangement distance of said rolled metallic plates to adjust the efficiency in generation of said electric energy.

18. The generating method as defined in claim 14, further comprising the step of controlling the irradiation areas of said rolled metallic plates for said energy beams to adjust the efficiency in generation of said electric energy.

19. The generating method as defined in claim 14, further comprising the step of controlling the thicknesses of said rolled metallic plates to adjust the efficiency in generation of said electric energy.

20. The generating method as defined in claim 1, wherein said metallic

solid substance is stainless steel.

21. The generating method as defined in claim 1, wherein said energy beam is a radiation.

22. The generating method as defined in claim 21, wherein said radiation is released from a radioactive waste.

23. An electric battery comprising:
a metallic solid substance, and
an energy source to release an energy beam onto said metallic solid substance to generate an electric energy by an interaction between said energy beam and said metallic solid substance.

24. The electric battery as defined in claim 23, wherein said metallic solid substance is a metallic plate.

25. An electric battery comprising:
a plurality of metallic plates, and
an energy source to release energy beams perpendicularly onto the main surfaces of said metallic plates to generate an electric energy by interactions between said energy beams and said metallic plates.

26. The electric battery as defined in claim 25, further comprising a plurality of insulating substances disposed between said metallic plates, respectively.

27. The electric battery as defined in claim 23, wherein said metallic solid substance is a rolled metallic plate.

28. An electric battery comprising:
a plurality of rolled metallic plates, and
an energy source to release energy beams onto the sides of said rolled metallic plates to generate an electric energy by interactions between said energy beams and said rolled metallic plates.

29. The electric battery as defined in claim 28, further comprising an insulating substance disposed between said rolled metallic plates.

30. The electric battery as defined in claim 23, wherein said metallic solid substance is made of stainless steel.

31. The electric battery as defined in claim 23, wherein said energy source comprises a radioactive waste.